



1600

RECEIVED

APR 3 0 2003

TECH CENTER 1600/2900

P.6

ENTERED

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/674,109B DATE: 04/23/2003
 TIME: 13:34:03
 Input Set : A:\4460224.APP.txt
 Output Set: N:\CRF4\04232003\I674109B.raw

3 -110 - APPLICANT: DIU-HERCEND, ANITA
 4 ENTIAN, KARL-DIETER
 5 KOETTER, PETER
 7 -120 - TITLE OF INVENTION: METHOD FOR SCREENING ANTIMYCOTIC SUBSTANCES USING
 8 ESSENTIAL GENES FROM S. CEREVIAE
 10 -130 - FILE REFERENCE: 146.1353
 12 -140 - CURRENT APPLICATION NUMBER: 09/674,109B
 13 -141 - CURRENT FILING DATE: 2001-06-21
 15 -150 - PRIOR APPLICATION NUMBER: PCT/EP99/02722
 16 -151 - PRIOR FILING DATE: 1999-04-22
 18 -150 - PRIOR APPLICATION NUMBER: EP 98402254.1
 19 -151 - PRIOR FILING DATE: 1998-09-11
 21 -150 - PRIOR APPLICATION NUMBER: EP 98401007.4
 22 -151 - PRIOR FILING DATE: 1998-04-24
 24 -160 - NUMBER OF SEQ ID NOS: 191
 26 -170 - SOFTWARE: PatentIn Ver. 2.1
 28 -210 - SEQ ID NO: 1
 29 -211 - LENGTH: 59
 30 -212 - TYPE: DNA
 31 -213 - ORGANISM: Artificial Sequence
 33 -210 - FEATURE:
 34 -213 - OTHER INFORMATION: Description of Artificial Sequence: primer
 35 YLF24?w-S1
 37 -400 - SEQUENCE: 1
 38 atgttcgtcgat ttgggtatcat ggtatttagga cctgcagggtg cagctgaagc ttctgtacgc 59
 40 -210 - SEQ ID NO: 2
 41 -211 - LENGTH: 59
 42 -212 - TYPE: DNA
 43 -213 - ORGANISM: Artificial Sequence
 45 -210 - FEATURE:
 46 -213 - OTHER INFORMATION: Description of Artificial Sequence: primer
 47 YLF27?c-S1
 49 -400 - SEQUENCE: 2
 50 ttgggttcgc gcaattcttc agtcttccaa ctaatttctc cagctgaagc ttctgtacgc 59
 52 -210 - SEQ ID NO: 3
 53 -211 - LENGTH: 59
 54 -212 - TYPE: DNA
 55 -213 - ORGANISM: Artificial Sequence
 57 -210 - FEATURE:
 58 -213 - OTHER INFORMATION: Description of Artificial Sequence: primer
 59 YLF27?w-S1
 61 -400 - SEQUENCE: 3
 62 ccattttatc atgttcatatg tttgatctta accatttta cagctgaagc ttctgtacgc 59

RAW SEQUENCE LISTING DATE: 04/23/2003
PATENT APPLICATION: US/09/674,109B TIME: 13:34:03

Input Set : A:\4460224.APP.txt
Output Set: N:\CRF4\04232003\I674109B.raw

64 <210> SEQ ID NO: 4
65 <211> LENGTH: 62
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
71 YLR375w-S1
73 <400> SEQUENCE: 4
74 caacgatcac taaatcacct ctttggatata gtttacttat gcataggcca ctagtggatc 60
75 tg 62
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 59
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
84 YLR376c-S1
86 <400> SEQUENCE: 5
87 cttcaacccgtt tctactttac cattctttgg cttactgact cagctgaagc ttctgtacgc 59
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 62
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
96 YLR376c-S2
98 <400> SEQUENCE: 6
99 agctatgaaa aaaaatctgt tttttttttt tatattgacg gcataggcca ctagtggatc 60
100 tg 62
102 <210> SEQ ID NO: 7
103 <211> LENGTH: 59
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
109 YLR317w-S1
111 <400> SEQUENCE: 7
112 atgtttatttt tttttttttt tttttttttt cttttttttt cttttttttt cttttttttt 59
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 59
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
121 YLR359w-S1
123 <400> SEQUENCE: 8
124 gttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 59
126 <210> SEQ ID NO: 9
127 <211> LENGTH: 62

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/674,109B

DATE: 04/23/2003

TIME: 13:34:03

Input Set : A:\4460224.APP.txt

Output Set: N:\CRF4\04232003\I674109B.raw

129 <213> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
133 YLR359w-S1
135 <400> SEQUENCE: 9
136 aactttagactt gttcatcggt taggtacttt tggaaagggtt gcataggcca ctatgtggatc 60
137 tq 62
139 <210> SEQ ID NO: 10
140 <211> LENGTH: 59
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
146 YLR373c-S1
148 <400> SEQUENCE: 10
149 aacacacaggat acagagtgct gaaagaggat tggtgttgcc cagctgaagc ttctgtacgc 59
151 <210> SEQ ID NO: 11
152 <211> LENGTH: 6.
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
158 YLR373c-S1
160 <400> SEQUENCE: 11
161 caaaacagact ttgtttccctt tttatgtccctt tggaaagatac gcataggcca ctatgtggatc 60
162 tq 62
164 <210> SEQ ID NO: 12
165 <211> LENGTH: 59
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
171 YLR424w-S1
173 <400> SEQUENCE: 12
174 gacatgacat acactaatga tgccttgaaa acttagtagcg cagctgaagc ttctgtacgc 59
176 <210> SEQ ID NO: 13
177 <211> LENGTH: 62
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
183 YLR424w-S2
185 <400> SEQUENCE: 13
186 ataaatgtttt tttatgtttt aaggggccat aaataaattt gcataggcca ctatgtggatc 60
187 tq 62
189 <210> SEQ ID NO: 14
190 <211> LENGTH: 59
191 <212> TYPE: DNA

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/674,109B

DATE: 04/23/2003
TIME: 13:34:03

Input Set : A:\4460224.APP.txt
Output Set: N:\CRF4\04232003\I674109B.raw

192 <13> ORGANISM: Artificial Sequence
194 <20> FEATURE:
195 <23> OTHER INFORMATION: Description of Artificial Sequence: primer
196 YLF437c-S1
198 <400> SEQUENCE: 14
199 atttgtcaag ttgtttaaag ttttttttgc gatccattaa cagctgaagc ttctgtacgc 59
201 <210> SEQ ID NO: 15
202 <211> LENGTH: 61
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <20> FEATURE:
207 <23> OTHER INFORMATION: Description of Artificial Sequence: primer
208 YLF437c-S1
210 <400> SEQUENCE: 15
211 cttttttttt taatcaggaa acaaaccaga cttaatggac gcataggcca ctatgtggatc 60
212 tg 62
214 <210> SEQ ID NO: 16
215 <211> LENGTH: 59
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <20> FEATURE:
220 <23> OTHER INFORMATION: Description of Artificial Sequence: primer
221 YLF440c-S1
223 <400> SEQUENCE: 16
224 ttgtttttttt aatttgcgtt aaaaatgttgg aagagcaact cagctgaagc ttctgtacgc 59
226 <210> SEQ ID NO: 17
227 <211> LENGTH: 61
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <20> FEATURE:
232 <23> OTHER INFORMATION: Description of Artificial Sequence: primer
233 YLF440c-S2
235 <400> SEQUENCE: 17
236 ttgtttttttt tagtgtgttc cattgcgtt taacaatttc gcataggcca ctatgtggatc 60
237 tg 62
239 <210> SEQ ID NO: 18
240 <211> LENGTH: 59
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <20> FEATURE:
245 <23> OTHER INFORMATION: Description of Artificial Sequence: primer
246 YFL024c-S1
248 <400> SEQUENCE: 18
249 ttgtttttttt tagaagaggtt ctgtttcgct cagctgaagc ttctgtacgc 59
251 <210> SEQ ID NO: 19
252 <211> LENGTH: 62
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <20> FEATURE:

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/674,109B

DATE: 04/23/2003
TIME: 13:34:03

Input Set : A:\4460224.APP.txt
Output Set: N:\CRF4\04232003\I674109B.raw

257 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
258 YML049c-S.
260 <400> SEQUENCE: 19
261 actctctgtat cggaaatcttc gtcgtatctgg aagcagggtc gcataggcca ctatgtggatc 60
262 tq
264 <210> SEQ ID NO: 20
265 <211> LENGTH: 6.
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
271 YFL014c-S.
273 <400> SEQUENCE: 20
274 acacccatcaa acgttataga gatcaatgac ggttgcata gcataggcca ctatgtggatc 60
275 tq
277 <210> SEQ ID NO: 21
278 <211> LENGTH: 59
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
284 YFR003c-S1
286 <400> SEQUENCE: 21
287 tggggaaagag gttcccgccag ttttgcagct tcgagcaact cagctgaagc ttctgtacgc 59
289 <210> SEQ ID NO: 22
290 <211> LENGTH: 6.
291 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
296 YFR003c-S.
298 <400> SEQUENCE: 22
299 atcttttttg tctatatttcg ttaaagtcaa gatccttctc gcataggcca ctatgtggatc 60
300 tq
302 <210> SEQ ID NO: 23
303 <211> LENGTH: 59
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
309 YFF017w-S1
311 <400> SEQUENCE: 23
312 aatgaaaatgt agggaaatcg agagaaaaagc gggcagtaaa cagctgaagc ttctgtacgc 59
314 <210> SEQ ID NO: 24
315 <211> LENGTH: 6.
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Description of Artificial Sequence: primer

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/674,109B

DATE: 04/23/2003
TIME: 13:34:04

Input Set : A:\4460224.APP.txt
Output Set: N:\CRF4\04232003\I674109B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:181; N Pos. 27,28,29,30,31,32

Seq#:182; N Pos. 1,2,3,4,5